

Topic 3.4
Graphing Systems of Inequalities
Homework

Name: _____

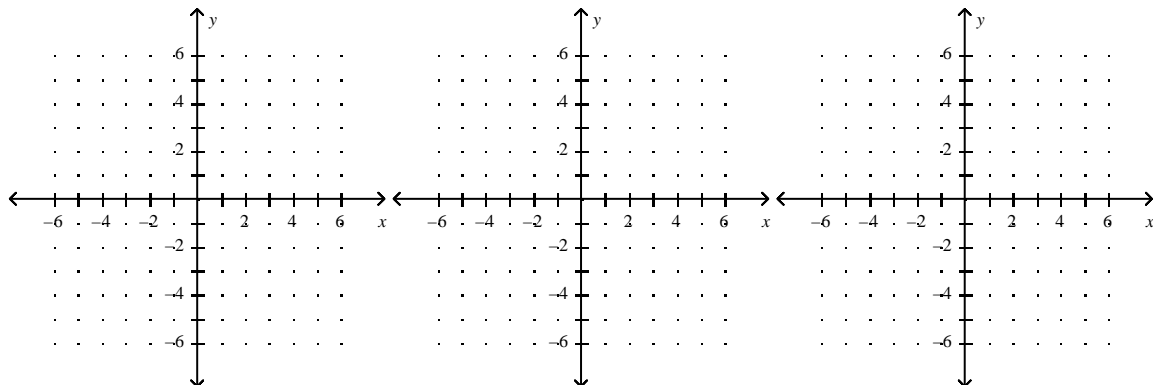
Date: _____

Graph the system of inequalities.

1. $y > 2x + 1$
 $y < x - 2$

2. $x \geq -1$
 $x + y \leq 3$

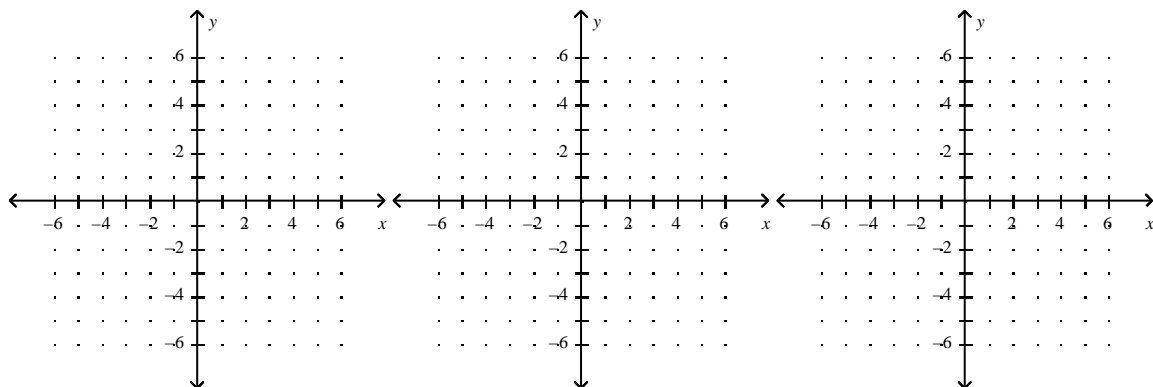
3. $y > -6$
 $x \leq -3$



4. $3x + 5y < 10$
 $2x - 3y < 6$

5. $x - 4y \geq -12$
 $2x - 2 < y$

6. $5y - 8x < 3$
 $4x - 2y > 1$



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7. $y > -2$
 $x > -3$
 $y < -\frac{2}{3}x + 1$

8. $y < 2x + 1$
 $y < -x + 6$
 $y > -\frac{3}{4}x + 2$

9. $y \leq 4$
 $2x + 4y > -16$
 $3y - 2x \leq 9$

